

EM 200-1-1
1 Jul 94

APPENDIX K

SAMPLE RECORD

OF

THE LABORATORY VALIDATION DATABASE

EM 200-1-1
1 Jul 94

Window 1

LABORATORY FILE

GENERAL

VIEW SCREEN: 1/10
UPDATING DATE: 02/25/92

Record No: 222
Lab Name: ABC alytical Laboratory
POC Name: Joe Frank, Mary George
Address: 123 Main Street
Suite 4
City: Anytown
State: MD
Zip: 56789
Phone: (111) 222-3333
FAX: (111) 222-4444

Window 1
[ABC A.MD]

LABORATORY FILE

FUNDS 1

VIEW SCREEN: 2/10

Project 1

Request Date: 06/04/91
Project Name: Elmwood County Landfill State: NJ
Type: SF Phase: Contract No: DACW01-91-C-2345
A-E/Contractor: DEF, Inc. State: PA

USACE TM: John Dow Office: CEMRO-ED-EZ
Phone: (222) 333-4444 Sampling Date: 09/01/91

HTW Analyses: VOA, BNA, PCB, PEST, TAL METALS, TRPH, CN.

PE Sample Cost: \$1100.00 Travel Cost: \$275.00 Labor Cost: \$420.00
Funds Billed: \$300.00 Date: 06/10/91
Funds Received: \$300.00 Date: 07/01/91
Funds Remarks: Billed ABC Lab \$300 for non-project PEs.

Figure K-1 Sample Record of the Laboratory Validation Database

Window 1 [ABC A.MD]	LABORATORY FILE	VIEW SCREEN: 3/10
Project 2	FUNDS 2	
Request Date: 01/20/92		
Project Name: Any AFB; Fire Fighting Training 2A_ State: AZ		
Type: ACC _ Phase: PA/SI_____ Contract No: DACA01-91-B-1234		
A-E/Contractor: Any Environmental Services, Inc._____ State: CA		
USACE TM: Paula Smith_____ Office: CEMRK-ED-EZ _____		
Phone: (333) 444-5555 Sampling Date: 04/15/92		
HTW Analyses: RCRA METALS, TRPH, AVO, TPH (Mod. 8015)._____		
PE Sample Cost: \$400.00_ Travel Cost: \$0.00 Labor Cost: \$0.00__		
Funds Billed: \$0.00_ Date: 00/00/00		
Funds Received: \$0.00_ Date: 00/00/00		
Funds Remarks: _____		

Window 1 [ABC A.MD]	LABORATORY FILE	VIEW SCREEN: 4/10
	LQMM	
Request Date: 06/05/91 Receiving Date: 06/07/91		
Title: Laboratory Quality Management Manual_____ Date: 05/01/91		
Reviewer: S. Smith_____ Date: 07/16/91		
EPA-CLP VOA: _ Exp.Date: 00/00/00 Organics: x Exp.Date: 05/01/92		
Inorganics: x Exp.Date: 03/01/91 Dioxin: _ Exp.Date: 00/00/00		
Dioxin: _ Radiochemical: x TCLP: x		
EPA Compendium Air: x AIHA/NIOSH Air: x		
# of Chemist: 35_, GC: 10, GC/MS: 4_, ICP: 2, AA: 2_, IR: 2,		
UV/VIS: 2, HPLC: 2, Ion Chromatography: 2.		
Remarks: TCLP w/ZHE; AIHA accredited for analysis of organic solvents and m etals; EPA Compendium method T01 only._____		

Figure K-1 Sample Record of the Laboratory Validation
Database (continued)

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Window 1
[ABC A.MD]

LABORATORY FILE						
VIEW SCREEN: 5/10						
PE SAMPLE 1						
	PARAMETER	MATRIX	METHOD	DATE SUPPLIED	DATE RECEIVED	PASS
1	VOA__	H2O__	8240__	06/10/91	07/03/91	GOOD
2	BNA__	H2O__	8270__	06/10/91	07/03/91	GOOD
3	BNA__	SED__	8270__	07/15/91	07/27/91	PASS
4	PEST__	H2O__	8080__	06/10/91	07/15/91	PASS
5	PCB__	H2O__	8080__	06/10/91	07/03/91	GOOD
6	PCB__	SED__	8080__	06/10/91	07/03/91	GOOD
7	META3	H2O__	SW846__	06/10/91	07/03/91	GOOD
8	META3	SED__	SW846__	06/10/91	07/15/91	PASS
9	TRPH__	H2O__	418.1__	06/10/91	07/03/91	GOOD
10	TRPH__	SOIL	418.1__	06/10/91	07/03/91	GOOD

Window 1
[ABC A.MD]

LABORATORY FILE						
VIEW SCREEN: 6/10						
PE SAMPLE 2						
	PARAMETER	MATRIX	METHOD	DATE SUPPLIED	DATE RECEIVED	PASS
11	HVO__	H2O__	8010__	00/00/00	00/00/00	___
12	AVO__	H2O__	8020__	01/26/92	02/19/92	GOOD
13	HERB__	H2O__	8150__	07/15/91	07/27/91	FAIL
14	TOC__	H2O__	9060__	06/10/91	07/03/91	GOOD
15	CN__	H2O__	9010__	06/10/91	07/03/91	GOOD
16	ANION	H2O__	300s__	06/10/91	07/03/91	GOOD
17	TPH__	H2O__	8015M__	01/26/92	02/19/92	GOOD
18	TPH__	SOIL	8015M__	01/26/92	02/25/92	PASS
19	_____	_____	_____	00/00/00	00/00/00	_____
20	_____	_____	_____	00/00/00	00/00/00	_____

Figure K-1 Sample Record of the Laboratory Validation Database (continued)

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Window 1 [ABC A.MD]	LABORATORY FILE	VIEW SCREEN: 7/10
<div style="border: 1px solid black; padding: 2px; display: inline-block;">PE SAMPLE 3</div>		
PE Sample Remarks:		
<p>07/11/91: BNA/s: Several compounds were diluted out and not detected, PEST: Degradation products were too high and reported as false positives, METAL/s: Due to interelement interferences, Sb and Cd were high outside 3σ, Se was not detected. Failed to identify and quantify HERB. 07/15/91: Revised data for PEST and METAL/s acceptable; BNA/s and HERB not acceptable. Order 2nd BNA/s and HERB. 07/27/92: Pass 2nd BNA/s but fail 2nd HERB. 02/25/92: TPH/s low outside 26. Revised results acceptable._____</p>		

Window 1 [ABC A.MD]	LABORATORY FILE	VIEW SCREEN: 8/10
<div style="border: 1px solid black; padding: 2px; display: inline-block;">INSPECTION</div>		
Inspector: S. Smith _____ Inspection Date: 07/25/91		
Date Inspection Report To TM 1: 08/02/91 TM 2: 00/00/00 Lab: 08/02/91		
Inspection Remarks: An excellent lab. No major deficiency except for failed HERB PE. Two minor deficiencies: Needs segregated storage area for volatile standards and improved documentation for standard preparation in metal section.____		
Lab Responses: _____ Response Date: 07/30/91		
Satisfactory. Will have segregated storage for volatile standards and improved logbook for metal standard._____		

Figure K-1 Sample Record of the Laboratory Validation Database (continued)

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Window 1 [ABC A.MD]	LABORATORY FILE	VIEW SCREEN: 9/10
<div style="border: 1px solid black; padding: 2px; text-align: center;">STATUS REVIEW</div>		
Reviewers: S. Smith, R. Anderson, C. Jones____ Date: 08/01/91 Approval: x Not Approval:___ Conditional Approval: __		
Review Remarks: Full approval for all parameters except for HERB. The lab has to wait for six months before another try for HERB PE sample again. _____		
<div style="border: 1px solid black; padding: 5px; text-align: center;">Validation Expiration Date: 02/06/93</div>		

Window 1 [ABC A.MD]	LABORATORY FILE	VIEW SCREEN: 10/10
<div style="border: 1px solid black; padding: 2px; text-align: center;">PERFORMANCE EVALUATION</div>		
Project A Name: Elm County Landfill____ Phase: RI/FS____		
Comments: Missed the holding time for 10 VOA samples due to workload. Date: 12/02/91		
Responses: Resample and reanalysis of all 10 samples at lab's cost. T he lab makes sure not happen again.____ Date: 12/12/91		
Project B Name: _____ Phase: _____		
Comments: _____ Date: 00/00/00		
Responses: _____ Date: 00/00/00		
Project C Name: _____ Phase: _____		
Comments: _____ Date: 00/00/00		
Responses: _____ Date: 00/00/00		

Figure K-1 Sample Record of the Laboratory Validation
Database (continued)